

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1353	(382/274).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:34
L3	1	("4685764").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:35
L4	1	("5513281").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:35
L5	1	("6133957").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:35
L6	95	(382/265).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:37
L7	4597	recursive WITH filter	US-PGPUB; USPAT	OR	ON	2007/12/20 15:35
L8	342	"382"/\$.ccls. AND (recursive WITH filter)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:36
L9	221	correlation WITH "90" WITH degree	US-PGPUB; USPAT	OR	ON	2007/12/20 15:37
L10	178	correlation WITH "90" ADJ1 degree	US-PGPUB; USPAT	OR	ON	2007/12/20 15:37
L11	95	(382/265).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:37
L12	1	(image WITH enhancement) SAME (memory AND instant AND angle AND detection AND substantial AND confirmation AND interpolator)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38
L13	1	(image WITH enhancement) SAME (memory AND instant AND angle AND detection AND substantial AND confirmation AND interpolator)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38
L14	31	(filter\$ WITH differential WITH value) SAME interpolation	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38
L15	49	highest WITH correlation WITH filter\$ AND difference AND value AND pixel	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38
L16	754	(image WITH enhancement) AND (differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38
L17	52	(341/112).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:38
L18	275	(341/116).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:38
L19	134	(341/111).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:38
L20	754	(image WITH enhancement) AND (differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38

## EAST Search History

L21	11	filter\$ WITH pixel WITH pair AND (compar\$3 AND filter\$ AND "90" ADJ degree AND correlation)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:39
S1	1195	(382/274).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:34
S2	1	(image WITH enhancement) SAME (memory AND instant AND angle AND detection AND substantial AND confirmation AND interpolator)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:37
S3	1	(image WITH enhancement) AND (memory AND instant AND angle AND detection AND substantial AND confirmation AND interpolator)	US-PGPUB; USPAT	OR	ON	2007/03/30 10:54
S4	79	instant WITH angle WITH detection	US-PGPUB; USPAT	OR	ON	2007/03/30 10:54
S5	37	(instant WITH angle WITH detection) AND memory	US-PGPUB; USPAT	OR	ON	2007/03/30 10:55
S6	1	(instant WITH angle WITH detection) AND memory AND (filter WITH differential)	US-PGPUB; USPAT	OR	ON	2007/03/30 10:57
S7	16	(instant WITH angle WITH detection) AND memory AND filter	US-PGPUB; USPAT	OR	ON	2007/03/30 11:09
S8	1	(instant WITH angle WITH detection) AND memory AND filter AND (difference WITH pixel WITH pair)	US-PGPUB; USPAT	OR	ON	2007/03/30 10:58
S9	1	(instant WITH angle WITH detection) AND memory AND filter AND (difference AND pixel AND pair)	US-PGPUB; USPAT	OR	ON	2007/03/30 10:58
S10	3	(instant WITH angle WITH detection) AND memory AND filter AND interpolation	US-PGPUB; USPAT	OR	ON	2007/03/30 10:59
S11	6	(instant WITH angle WITH detection) AND memory AND filter AND image	US-PGPUB; USPAT	OR	ON	2007/03/30 11:11
S12	1	(image WITH enhancement) AND (memory WITH window WITH angle WITH correlation)	US-PGPUB; USPAT	OR	ON	2007/03/30 11:13
S13	665	(image WITH enhancement) AND (memory AND window AND angle AND correlation)	US-PGPUB; USPAT	OR	ON	2007/03/30 11:13
S14	514	(image WITH enhancement) AND (memory AND window AND angle AND correlation AND difference AND pixel)	US-PGPUB; USPAT	OR	ON	2007/03/30 11:15

## EAST Search History

S15	306	(image WITH enhancement) AND (memory AND window AND angle AND correlation AND differential AND pixel)	US-PGPUB; USPAT	OR	ON	2007/03/30 11:15
S16	189	(image WITH enhancement) AND (memory AND window AND angle AND correlation AND differential WITH value AND pixel)	US-PGPUB; USPAT	OR	ON	2007/03/30 11:16
S17	189	(image WITH enhancement) AND (memory AND window AND angle AND correlation AND (differential WITH value) AND pixel)	US-PGPUB; USPAT	OR	ON	2007/03/30 12:13
S18	163	(image WITH enhancement) AND (memory AND window AND angle AND correlation AND (differential WITH value) AND pixel AND interpolation)	US-PGPUB; USPAT	OR	ON	2007/03/30 12:14
S19	1	(image WITH enhancement) SAME (memory AND window AND angle AND correlation AND (differential WITH value) AND pixel AND interpolation)	US-PGPUB; USPAT	OR	ON	2007/03/30 12:14
S20	163	(image WITH enhancement) AND (memory AND window AND angle AND correlation AND (differential WITH value) AND pixel AND interpolation AND filter)	US-PGPUB; USPAT	OR	ON	2007/03/30 12:17
S21	1	(image WITH enhancement) SAME (memory AND pixel AND window AND angle AND correlation)	US-PGPUB; USPAT	OR	ON	2007/03/30 12:25
S22	798	(image WITH enhancement) SAME (memory AND pixel)	US-PGPUB; USPAT	OR	ON	2007/03/30 12:26
S23	114	(image WITH enhancement) SAME (memory AND pixel AND window)	US-PGPUB; USPAT	OR	ON	2007/03/30 12:26
S24	8	(highest NEAR4 correlation) WITH (difference AND pair AND pixel)	US-PGPUB; USPAT	OR	ON	2007/03/30 13:15
S25	2	(highest NEAR4 correlation) WITH (filter AND differential AND value)	US-PGPUB; USPAT	OR	ON	2007/03/30 12:29
S26	1	(highest NEAR4 correlation) WITH (filter AND differential AND pixel AND pair)	US-PGPUB; USPAT	OR	ON	2007/03/30 13:16
S27	2	(highest NEAR4 correlation) WITH (filter AND differential )	US-PGPUB; USPAT	OR	ON	2007/03/30 13:17
S28	2	(highest WITH correlation) WITH (filter AND differential )	US-PGPUB; USPAT	OR	ON	2007/03/30 13:17
S29	2729	(highest NEAR1 correlation)	US-PGPUB; USPAT	OR	ON	2007/03/30 13:17

## EAST Search History

S30	76	(highest NEAR1 correlation) WITH filter	US-PGPUB; USPAT	OR	ON	2007/03/30 13:19
S31	2	interpolation SAME differential SAME pair SAME pixel SAME filter	US-PGPUB; USPAT	OR	ON	2007/03/30 13:26
S32	27	(filter\$ WITH differential WITH value) SAME interpolation	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38
S33	1	(filter\$ WITH differential WITH value) SAME (interpolation AND highest AND correlation)	US-PGPUB; USPAT	OR	ON	2007/03/30 13:30
S34	1	(filter\$ WITH differential WITH value) SAME (interpolation AND correlation)	US-PGPUB; USPAT	OR	ON	2007/03/30 13:30
S35	2	(filter\$ WITH differential WITH value) SAME (highest AND correlation)	US-PGPUB; USPAT	OR	ON	2007/03/30 13:30
S36	76	highest NEAR1 correlation WITH filter	US-PGPUB; USPAT	OR	ON	2007/03/30 13:43
S37	5	highest NEAR1 correlation WITH filter AND differential WITH value	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38
S38	5	highest NEAR1 correlation WITH filter AND (differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/03/30 13:46
S39	76	highest NEAR1 correlation WITH filter	US-PGPUB; USPAT	OR	ON	2007/03/30 13:47
S40	4	image WITH enhancement WITH highest WITH correlation	US-PGPUB; USPAT	OR	ON	2007/03/30 13:48
S41	1	image WITH enhancement WITH highest WITH correlation WITH filter	US-PGPUB; USPAT	OR	ON	2007/03/30 13:48
S42	44	highest WITH correlation WITH filter\$ AND difference AND value AND pixel	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38
S43	71	filter\$ NEAR1 difference WITH pixel WITH value	US-PGPUB; USPAT	OR	ON	2007/03/30 15:25
S44	4	(image WITH enhancement) SAME (pattern WITH window WITH pixel WITH data WITH memory)	US-PGPUB; USPAT	OR	ON	2007/03/30 15:32
S45	1	(image WITH enhancement) AND (pattern WITH window WITH pixel WITH data WITH memory AND interpolation)	US-PGPUB; USPAT	OR	ON	2007/03/30 15:33
S46	2188	interpolation WITH pattern	US-PGPUB; USPAT	OR	ON	2007/03/30 15:33
S47	2	(interpolation WITH pattern) SAME (window AND pixel AND data AND memory)	US-PGPUB; USPAT	OR	ON	2007/03/30 15:43
S48	8	interpolation WITH pattern WITH filter WITH difference WITH value	US-PGPUB; USPAT	OR	ON	2007/03/30 15:50

## EAST Search History

S49	2	interpolation WITH pattern WITH filter WITH difference WITH value AND (window AND pixel AND memory)	US-PGPUB; USPAT	OR	ON	2007/03/30 15:45
S50	49	(341/112).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:38
S51	130	(341/111).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:38
S52	272	(341/116).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/20 15:38
S53	1	("5774478").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/02 09:06
S54	1	("5881164").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/02 10:46
S55	1	("6810156").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/02 10:48
S56	683	(image WITH enhancement) AND (differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38
S57	7	(image WITH enhancement) AND (differential WITH value) AND (lowest WITH differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:29
S58	78	(image WITH enhancement) AND (differential WITH value) AND (compar\$ WITH differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:31
S59	1	(image WITH enhancement) AND (differential WITH value) AND (compar\$ WITH differential WITH value WITH sets WITH adjacent WITH pixel WITH pair)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:32
S60	1	(image WITH enhancement) AND (differential WITH value) AND (compar\$ WITH differential WITH value WITH adjacent WITH pixel WITH pair)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:32
S61	2	(image WITH enhancement) AND (differential WITH value) AND (compar\$ WITH differential WITH value) AND (sets WITH adjacent WITH pixel)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:40
S62	1	(image WITH enhancement) AND (compar\$ WITH differential WITH value) AND (sets WITH adjacent WITH pixel) AND (pixel WITH pair WITH small\$ WITH differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:39

## EAST Search History

S63	1	(image WITH enhancement) AND (compar\$ WITH differential WITH value) AND (pixel WITH pair WITH small\$ WITH differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:39
S64	1	(image WITH enhancement) AND (pixel WITH pair WITH small\$ WITH differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:39
S65	43	(differential WITH value) AND (compar\$ WITH differential WITH value) AND (sets WITH adjacent WITH pixel)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:57
S66	1	(differential WITH value) AND (compar\$ WITH differential WITH value) AND (sets WITH adjacent WITH pixel) AND (pixel WITH pair WITH small\$ WITH differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:58
S67	4	(differential WITH value) AND (compar\$ WITH differential WITH value) AND (pixel WITH pair WITH small\$ WITH differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/04/02 12:59
S68	1	(image WITH enhancement) SAME (pattern WITH alphabet OR (numerical WITH character) WITH interpolation WITH angle WITH "90" ADJ degree)	US-PGPUB; USPAT	OR	ON	2007/04/03 08:15
S69	1039	(pattern WITH alphabet OR (numerical WITH character) WITH interpolation WITH angle WITH "90" ADJ degree)	US-PGPUB; USPAT	OR	ON	2007/04/03 08:21
S70	128	(image WITH pattern WITH alphabet OR (numerical WITH character) WITH interpolation WITH angle WITH "90" ADJ degree)	US-PGPUB; USPAT	OR	ON	2007/04/03 08:22
S71	1	(image WITH enhancement WITH pattern WITH alphabet OR (numerical WITH character) WITH interpolation WITH angle WITH "90" ADJ degree)	US-PGPUB; USPAT	OR	ON	2007/04/03 08:17
S72	8	pattern WITH alphabet WITH numerical WITH character	US-PGPUB; USPAT	OR	ON	2007/04/03 09:40
S73	13	interpolation WITH angle WITH "90" ADJ1 degree	US-PGPUB; USPAT	OR	ON	2007/04/03 08:27
S74	1	compar\$ WITH filter\$ WITH differential WITH value WITH pixel WITH pair	US-PGPUB; USPAT	OR	ON	2007/04/03 09:41

## EAST Search History

S75	0	filter\$ WITH pixel WITH pair AND (compar\$3 WITH filter\$ WITH "90" ADJ degree WITH correlation)	US-PGPUB; USPAT	OR	ON	2007/04/03 09:44
S76	11	filter\$ WITH pixel WITH pair AND (compar\$3 AND filter\$ AND "90" ADJ degree AND correlation)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:39
S77	11	(filter\$ WITH pixel WITH pair) AND (compar\$3 AND filter\$ AND "90" ADJ degree AND correlation)	US-PGPUB; USPAT	OR	ON	2007/04/03 09:52
S78	1	(filter\$ WITH pixel WITH pair) AND (compar\$3 AND filter\$ AND "90" ADJ degree AND correlation) AND (differential WITH value)	US-PGPUB; USPAT	OR	ON	2007/04/03 09:45
S79	5	(filter\$ WITH pixel WITH pair) AND (compar\$3 AND filter\$ AND "90" ADJ degree AND correlation AND differential AND value)	US-PGPUB; USPAT	OR	ON	2007/04/03 11:06
S80	1	("6810156").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 11:06
S81	1	("5881164").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 11:07
S82	1	("5774478").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 11:07
S83	1	("5347599").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 11:08
S84	1	("20050254650").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 13:53
S85	1	("6757444").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 14:08
S86	1	("20030128894").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 14:09
S87	1	("6268933").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 14:10
S88	1	("6924839").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 14:27
S89	1	("4985764").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 14:30
S90	1	("5513281").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 14:31
S91	1	("6133957").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 14:31